INDIANA DEPARTMENT

OF

HOMELAND SECURITY

HAZARDOUS MATERIAL TECHNICIAN

SAMPLE TEST

1.	A may be used to side patch leaking one-ton containers of chloring					llorine gas.					
	Α.	Chlorine "A" Kit	В.	Chlorine "B" Ki	t C		Chlorine "C" Kit	D.	Midland Kit		
2.	A r	major concern wher	n ha	zardous materia	als spi	II i	nto rivers or lakes	is:			
	В. С.	volatility. solubility. versatility. viscosity.									
	Which of the following functions at a hazardous materials incident is served by the Logistics Sector?							rved by the			
(В. С.	providing informatic coordinating interaresponse operation monitoring the inci- safety procedures provides for suppo	ctio ns den	n between law e	l and a	as	suring compliance	with	1		
4.	rays are the most dangerous type of radiation.										
	В. С.	Alpha Beta Delta Gamma									
5.	Pri	Prior to installing a patch on a leaking small container, you should:									
	В. С.	 patches can be both commercial and homemade. select a patch size half a size larger than the opening. check material compatibility with the leaking product. all of the above are correct 									
6.	ΑI	A liquid's ability to mix with water <u>best</u> defines:									
		miscibility. water reactivity.					surface tension. instability.				
7.	Three types of biological weapons are:										
	В. С.	respiratory, cutane bacterial, viral, and aerosol, spore, and pneumonia, bubon	tox d co	rins. ntagious.							

8.	is the controlled burning of a liquid or gas to reduce or control the pressure and/or to dispose of the product.							
	A. Flammable rangeB. BoiloverC. FlaringD. Frothover							
	<u>Directions</u> : Match the materials listed in Column B to the appropriate non-bulk contained in which they would typically be transported, listed in Column A.							
	Column A	Column B						
10. 11.	Aerosol Container Bags Drums	A. solid fertilizers and pesticides B. liquids such as acids and caustics C. paints and pesticides with propellants D. cryogenic liquids E. liquids and solids						
13.	The physical destruction or decomposition of chemical protective clothing material due to exposure to chemicals, general use, or ambient conditions defines:							
	A. degradation.B. penetration.C. permeation.D. diffusion.							
14.	All of the following are procedures for personnel wearing vapor-protective clothing requiring emergency decon except :							
	A. conduct an on-the-spot gross rinse of theB. conduct a fine decon.C. transfer patient to the decon area.D. minimize interior contamination.	PPE.						
15.	is the flow of a hazardous materia imperfections found in chemical protective c							
	A. Degradation C. Permeation	B. PenetrationD. Diffusion						
16.	Which of the following is not a method of di	sposing of contaminated water?						
	A. FreezingB. EvaporationC. Deep well injectionD. Filtration							

- 17. When facing a fire involving the cargo of a truck transporting explosives, the Haz Mat Technician should: A. increase water application immediately. B. try to separate unburned cargo. C. attempt to move involved vehicle to a safer location. D. immediately evacuate to a safe distance. 18. The physical process of immediately reducing contamination of individuals in potentially life-threatening situations, without formal establishment of a contamination reduction area. best describes: A. technical decontamination. B. hazard reduction. C. emergency decontamination. D. isolation. 19. Glass or plastic bottles that may be encased in outer packaging used to transport solids or liquids best describes: A. carboys. B. drums. C. pressurized cylinders. D. bins. 20. An impaired person might not be able to recognize his/her own signs and symptoms. They may be able to continue to work in this impaired condition. This is one reason that _____ is / are used: A. the Buddy System B. the Incident Commander C. medical monitoring D. Both A & C are correct REFERENCES FOR HAZARDOUS MATERIALS TECHNICIAN Publisher/Title Reference Code
- NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents, 2002 Edition
 Fire Protection Publications, Hazardous Materials: Managing the Incident, 3rd Edition
 DOT, Emergency Response Guidebook

 ERG